BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

I-34202

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

NO:BBMP/EE/YNK.D/EPMT5/2018-19 Dt:8-2-2019

APPROVED TENDER SCHEDULE –'B'

Package-4

Name of Work :-"Improvements to roads and drains at A Sector, B Sector, LIG and MIG and surrounding areas in ward no:04 Yelahanka New Town sub division (Package-04)"

Sl	Description	Unit	Approved Qty	Rate quoted by the contractor approved rates Sri M S VENKATESH (M S V CONSTRUCTIONS COMPANY)	
				Rate	Rate in Words
1	Removing and refixing stone slabs of drains and pointing in CM (1:3)(Pg no 27/5.33)	Sqm	3812.59	116.85	One Hundred Sixteen Paise EightyFive Only
2	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 142/ Item No. 19.1/ PWD SR 2018-19	Cum	2335.95	244.84	Two Hundred FourtyFour Paise EightyFour Only
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of cum mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. KBS 4.1,4.2 (Page No.13, I.No.4.2 of KPWD SR 2018-19)	Cum	34.65	5780.37	Five Thousand Seven Hundred Eighty Paise ThirtySeven Only

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	SRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kg/, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum, with superplasticiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness). including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cill, fillet etc. including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (Page 14/4.11) 2018-19	Cum	153.90	6297.87	Six Thousand Two Hundred NinetySeven Paise EightySeven Only
5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page 16/4.31) of KPWD S.R 2018-19	Sqm	612.00	398.42	Three Hundred NinetyEight Paise FourtyTwo Only
6	KSRB 4.9.2 : Providing T.M.T Fe 500 steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured & paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3(P-18/4.46.2)	Tonnes	8.03	78977.64	SeventyEight Thousand Nine Hundred SeventySeven Paise SixtyFour Only
7	Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(1.20 x 0.60 x	m	1646.51	2199.54	Two Thousand One Hundred NinetyNine Paise FiftyFour Only

	roviding & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(1.2 x 0.60 x 0.10)Data rate	m	170.24	5688.36	Five Thousand Six Hundred EightyEight Paise ThirtySix Only
9	Removing and resetting of kerb stones. Page No. 270/ Item No.37.57/ PWD SR 2018-19	Sqm	3665.90	110.18	One Hundred Ten Paise Eighteen Only
10	Providing and fixing pre cast solid concrete kerb stones of size 450x150x500 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting ete., complete.Page No. 27/ Item No. 5.29.2/ PWD SR 2018-19	Nos	3669.11	490.79	Four Hundred Ninety Paise SeventyNine Only
11	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Page No. 180/ Item No. 24.1/ PWD SR 2018-19	Sqm	628.44	89.03	EightyNine Paise Three Only
12	KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications. MORTH / Chapter 3	Sqm	363.60	93.80	NinetyThree Paise Eighty Only
13	KSRRB M300-14. Excavation for roadwork in all types of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete as per specifications. MORTH Specification No.301(pg no-143,S.Lno-19.14)KPWD S.R 2018-19	Cum	3517.14	145.79	One Hundred FourtyFive Paise SeventyNine Only

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	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method.For Grading II Material (pg no- 153,S.Lno-20.5)KPWD S.R 2018-19	Sqm	1078.07	2094.47	Two Thousand NinetyFour Paise FourtySeven Only
15	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 Page No. 155/ Item No. 20.18/ PWD SR 2018-19	Cum	1486.10	2101.14	Two Thousand One Hundred One Paise Fourteen Only
16	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM ,including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. MORTH Specification No. 502 Complete with all lead and lift and as per the direction of the Engineer-in-Charge. Page No. 161/ Item No. 21.6/ PWD SR 2018-19	Sqm	7187.10	37.84	ThirtySeven Paise EightyFour Only
17	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 100/120 TPH capacity H.M.P. with sensor paver Gr-1 (80 mm to 100mm) with 4 %	Cum	359.30	7494.23	Seven Thousand Four Hundred NinetyFour Paise TwentyThree Only

	(SRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH / Chapter 5 Complete with all lead and lift and as per the direction of the Engineer-in-Charge.Page No. 158/ Item No. 21.2/ PWD SR 2018-19	Sqm	22214.60	5.56	Five Paise FiftySix Only
19	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5 Page No. 158/ Item No. 21.7/ PWD SR 2018-19	Sqm	22214.60	15.58	Fifteen Paise FiftyEight Only
20	KSRRB M500- 19. Providing, laying bituminousConcrete using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II(30mm to 45mm), crushed aggregates of specified grading premixed with 5.4% VG 30 grade bituminous binder and filler , transporting the hot mix to work site , laying to the required grade,level and alignment, rolling with wheeled , vibratory and tandeem rollers to achieve the desired compaction as per MORTH Table-500.9 including all leads and lift cost of all materials, labour, HOM of machineries complete as per specifications MORTH Specification No.509 Complete with all lead and lift and as per the direction of the Engineer-in-Charge. Page No. 162/ Item No. 21.23.4/ PWD SR 2018-19	Cum	888.59	8656.09	Eight Thousand Six Hundred FiftySix Paise Nine Only
21	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	Sqm	1139.60	477.43	Four Hundred SeventySeven Paise FourtyThree Only

KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS. (P.No. 103, I.No. 14.6 of CSR 2018-19)	Sqm	193.50	1171.88	One Thousand One Hundred SeventyOne Paise EightyEight Only

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Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.

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Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division